(When Filled In)

R & D CATALOG FORM

DATE: 22 December 1966

1. PROJECT TITLE/CODE NAME: Color Film/Print Dryer Study

2. SHORT PROJECT DESCRIPTION: A study of advanced techniques for drying color films and prints.

3. CONTRACTOR NAME:

4. LOCATION OF CONTRACTOR:

5. CLASS OF CONTRACTOR: Manufacturer

6. TYPE OF CONTRACT: N/A

7. FUNDS:
FY 1966 $ None
FY 1967 $
FY 1968 $

8. REQUISITION NO.: N/A

9. BUDGET PROJECT NO.: NP-R-4-10047

10. EFFECTIVE CONTRACT DATE (Begin - end): February 1967 - October 1967

11. SECURITY CLASS.:
A.A. - Confidential
T. - Unclassified
W. - Unclassified

12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION

25X1 DDI/NPIC/TDS

13. REQUIREMENT/AUTHORITY
The new cut sheet color processors in NPIC do not include any drying systems. The production capacity of commercially available film and paper dryers is inadequate to handle the output from these machines.

14. TYPE OF WORK TO BE DONE
A study and breadboard demonstration of selected techniques.

25X1

15. CATEGORIES OF EFFORT

MAJOR CATEGORY	SUB-CATEGORIES
Reproduction Techniques & Materials	Color Film and Paper Materials
	Dryers
	Reproduction

25X1

16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.
This study will provide reports with basic information needed to develop a dryer or dryers to quality handle volumes of cut-sheet color materials. No prototype hardware will be developed under this study.

17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION
This project has been coordinated with DDS&T/ORD, and presented to the Committee on Photographic Exploitation for dissemination to the community.

18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required)
Available dryers are not designed to handle the soft emulsions of color materials and therefore require slow, careful operation. This study will include investigation of all advanced drying techniques and will result in breadboard demonstrations and reports with design parameters for an advanced Color Film-Paper Dryer for future NPIC use.

19. APPROVED BY AND DATE

OFFICE	DEPUTY DIRECTOR	DDCI

FORM 2229